

Size: 6,800 acres
Mission: Test and evaluate naval aircraft systems
HRS Score: 36.87; placed on NPL in May 1994
IAG Status: None
Contaminants: Heavy metals, pesticides, organics, petroleum/oil/lubricants, solvents, and UXO
Media Affected: Groundwater, surface water, sediment, and soil
Funding to Date: \$18.5 million
Estimated Cost to Completion (Completion Year): \$97.7 million (FY2018)
Final Remedy in Place or Response Complete Date for All Sites: FY2014



Lexington Park, Maryland

Restoration Background

Environmental studies at this installation began in FY84. Since the installation was placed on the National Priorities List (NPL) in 1994, some sites have been combined with other sites or eliminated, resulting in 46 sites in the Installation Restoration Program. Three sites were placed on the NPL: a Fishing Point Landfill site (Site 1), the Former Sanitary Landfill (Site 11), and the Pest Control Shop (Site 17). Wastes managed at Site 1 included mixed solid wastes, petroleum/oil/lubricants (POL), paints, thinners, solvents, pesticides, and photographic laboratory wastes. Wastes handled at the Former Sanitary Landfill include mixed solid wastes, POL, paints, thinners, solvents, and pesticides. Pesticides were handled at the Pest Control Shop.

Metals and pesticides, semivolatiles, and volatiles were released primarily from landfills and spills, causing contamination of soil, groundwater, surface water, and sediment at the various Installation Restoration (IR) sites. Remedial Investigation and Feasibility Study (RI/FS) activities began at several sites in FY92. These RI/FS activities included installation of shallow and deep monitoring wells; collection of soil borings; and collection of groundwater, soil, sediment, and fish. Hydrogeologic testing also was conducted. Between FY86 and FY98, the installation initiated and completed the removal of drums, polychlorinated biphenyl (PCB)-contaminated soil, pesticide-contaminated soil, and ordnance.

In FY94, Interim Remedial Actions (IRAs) included an ordnance sweep to remove remaining unexploded ordnance (UXO). Shoreline stabilization has prevented erosion of a Fishing Point landfill into the Chesapeake Bay. During FY96, the installation began a five-phase RI/FS for 16 sites. A Record of Decision (ROD) was signed for Site 11. The installation also installed a cap

at Site 11 and removed a drywell and sediment at Site 24. The predesign and design phases began for an IRA at Sites 6 and 17. In FY97, the installation began a site screening process for five sites.

Sixteen underground storage tanks (USTs) identified between FY87 and FY93 were grouped into six areas for further investigation. Interim Actions at two of the areas included groundwater treatment and recovery of free product. The Corrective Measures Design was implemented at UST 1, along with a Removal Action at UST 5. The installation also prepared a corrective action plan for UST 6. In FY97, one early action was performed, and a landfill cap was installed. A corrective action at UST 4 and two Interim Actions at UST 6 also were implemented. IRAs were completed at Sites 11 and 24. A geoprobe was used to collect subsurface samples.

In FY90, the installation formed a technical review committee. The installation completed a community relations plan in FY91 and established a Restoration Advisory Board (RAB) in FY94. The RAB continues to meet at least quarterly. The Navy regularly updates an administrative record and two information repositories, both of which were established in FY95.

FY98 Restoration Progress

The installation completed a Removal Action at the Former Drum Disposal Area (Site 34), began the Remedial Design (RD) for the Fishing Point landfill sites (Sites 1 and 12), and initiated a Remedial Action (RA) for the Pesticide Shop (Site 17). The draft final Site Inspection (SI) document was submitted for regulatory review. The Site 17 RD was completed. The RD at Site 6 was not completed as scheduled because costs for the Site 17 RA were

higher than anticipated. Corrective actions at UST 1 were delayed when a comprehensive fuel system study recommended replacing the existing JP-5 system and centralizing operations. Corrective actions were completed at UST 5.

The installation began formal partnering efforts with EPA Region 3, the installation's personnel, the Engineering Field Activity Chesapeake remedial project manager, the Maryland Department of the Environment, and IR contractors. The RAB was given a tour of the Site 11 landfill project and base mission.

Plan of Action

- Complete Proposed Plan (PP) and ROD for one site in FY99
- Complete ROD and RA for one site in FY99
- Complete FS and RD for two sites in FY99
- Complete PP and ROD for two sites in FY99
- Initiate RA for two sites in FY99
- Complete SI for five sites in FY99
- Complete RI/FS for three sites in FY99
- Complete RI for three sites in FY99
- Initiate and complete a Removal Action at one site in FY99
- Initiate SI for three sites in FY99
- Convert administrative record to CD-ROM in FY99
- Complete RA for two sites and FS for three sites in FY00
- Complete RI/FS for three sites in FY00
- Initiate RA for two sites in FY00

FY99 FUNDING BY PHASE AND RELATIVE RISK

